

AMENDMENTS TO THE CLAIMS

The claims are not amended. A complete listing of the claims set forth below.

1-37 **(Cancelled)**

38. **(Previously presented)** A composition comprising:

 a recombinant Tankyrase H protein; and

 a source of ADP ribose;

 wherein said recombinant Tankyrase H protein exhibits poly-ADP ribose polymerase activity and has an amino acid sequence that is at least 95% identical to the entire contiguous sequence of SEQ ID NO:3 or SEQ ID NO:4.

39. **(Previously presented)** The composition of claim 38, further comprising:

 a candidate bioactive agent.

40. **(Previously presented)** The composition of claim 39, wherein said candidate bioactive agent is an organic molecule of less than 2,500 Da.

41. **(Previously presented)** The composition of claim 39, wherein the candidate bioactive agent is a peptide.

42. **(Previously presented)** The composition of claim 38, wherein said composition is a cellular composition comprising cells comprising:

 a recombinant nucleic acid encoding said Tankyrase H protein.

43. **(Previously presented)** The composition of claim 38, wherein said Tankyrase H protein is a fusion protein.

44. **(Currently amended)** The composition of claim 42, wherein said cells are mammalian cells.

45. **(Withdrawn)** A method of using the composition of claim 38, comprising:
contacting the composition of claim 38 with a test agent; and
determining any effect of said test agent on said poly-ADP ribose polymerase activity.
46. **(Withdrawn)** The method of claim 45, wherein said test agent is an organic molecule of less than 2,500 Da.
47. **(Withdrawn)** The method of claim 45, wherein the test agent is a peptide.